Index of Claims



Application No.

10/634,547

MINICH & SHUEY & HULL & SMITH

SMITH Art Unit

Applicant(s)

Examiner

Renee S. Luebke

2833

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal

O Objected

| Claim       |  | Data             |              |              |          |              |              |              |          |  |  |
|-------------|--|------------------|--------------|--------------|----------|--------------|--------------|--------------|----------|--|--|
| Cla         | Date   |                  |              |              |          |              |              |              |          |  |  |
| Final       | Original   | 8/9/04           |              |              |          |              |              |              |          |  |  |
| 1           | 1  | 1                |              |              |          |              |              |              |          |  |  |
|             | 2  | 1                |              |              |          |              |              | $\neg$       |          |  |  |
|             | 3  | 1                |              |              |          | $\neg$       |              |              |          |  |  |
|             | 1<br>2<br>3<br>4<br>5  | 1                |              |              |          |              |              |              |          |  |  |
| $\Box$      | 5  | <b>V</b>         |              |              |          |              |              |              |          |  |  |
|             | 6  | 1                |              |              | $\neg$   |              |              |              |          |  |  |
|             | 6<br>7   | 7                |              |              | $\neg$   |              |              |              |          |  |  |
|             | 8  | 1                |              |              |          |              |              |              |          |  |  |
|             | 9  | 1                |              | $\neg$       |          |              |              |              | Ċ        |  |  |
|             | 10   | 1                |              |              |          |              |              |              |          |  |  |
|             | 11   | 1                |              |              |          |              |              |              |          |  |  |
|             | 12   | 1                | П            |              |          |              |              |              |          |  |  |
|             | 13   | √                |              |              |          |              |              |              |          |  |  |
|             | 14   | 7                |              |              |          |              |              |              |          |  |  |
|             | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | 7777777777770    |              |              |          |              |              |              |          |  |  |
|             | 16   | 0                |              |              |          |              |              |              |          |  |  |
|             | 17   | 0                |              |              |          |              |              |              |          |  |  |
|             | 18   | 0                |              |              |          |              |              |              |          |  |  |
|             | 19   | 0                |              |              |          |              |              |              |          |  |  |
|             | 20   | 0                |              |              |          |              |              |              |          |  |  |
|             | 21   | 0                |              |              |          |              |              |              |          |  |  |
|             | 22   | 0                |              |              |          |              |              |              |          |  |  |
|             | 23   | 1                |              |              |          |              |              |              |          |  |  |
|             | 24   | ٧                |              |              |          |              |              |              |          |  |  |
|             | 25<br>26<br>27<br>28<br>29   | 0000077077777777 |              |              |          |              |              |              |          | _  |  |
| 1_          | 26   | √                |              |              |          |              |              |              |          | $ldsymbol{ld}}}}}}$ |  |
|             | 27   | 1                | _            |              |          |              | _            |              |          | <u> </u>   |  |
| 1           | 28   | V                | _            |              |          | _            |              |              |          | ļ  |  |
| <u> </u>    | 29   | V                |              | _            |          |              | Ш            | _            |          | ╙  |  |
| <u> </u>    | 30<br>31   | ٧                |              |              |          |              |              | _            |          |  |  |
| <u> </u>    | 31   | V                | <u> </u>     | _            | _        | _            | _            | _            | _        |  |  |
| <u></u>     | 32<br>33   | V                | <u> </u>     |              | _        | _            | <u> </u>     |              | <u> </u> |  |  |
| 1           | 33   | ٧,               | <u> </u>     |              | -        | _            | <u> </u>     |              | <u> </u> |  |  |
| <u> </u>    | 34   |                  | ⊢            | Ļ            | <u> </u> |              | -            | <u> </u>     | <u> </u> |  |  |
| <u> </u>    | 35   | 1                | $\vdash$     | -            | $\vdash$ | ├-           | $\vdash$     | <del> </del> | <u> </u> | -  |  |
| <u> </u>    | 36   |                  | <del> </del> | -            | $\vdash$ | ├            | <del> </del> | $\vdash$     | ├—       | $\vdash$   |  |
| <u> </u>    | 37   | 1                | <del> </del> | $\vdash$     | $\vdash$ |              | $\vdash$     | -            | $\vdash$ | ├  |  |
| <u> </u>    | 38<br>39   | √<br>√           | <u> </u>     | $\vdash$     |          | $\vdash$     | -            | $\vdash$     | $\vdash$ | $\vdash$   |  |
| 1           |  | V<br>V           | $\vdash$     | ├-           | $\vdash$ | <del> </del> | $\vdash$     | $\vdash$     | ├        | ⊢  |  |
| <del></del> | 40   | <del>  '</del>   | -            | $\vdash$     | -        | -            | $\vdash$     | -            | ├─       | -  |  |
|             | 41   | -                | $\vdash$     | -            | $\vdash$ |              | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$   |  |
| -           | 43   | ╁                | 1            | $\vdash$     |          | $\vdash$     | ├            | $\vdash$     | $\vdash$ | <del>  -</del>   |  |
| $\vdash$    | 43   | $\vdash$         | $\vdash$     | $\vdash$     | H        | ┢            | -            |              | $\vdash$ | <del>                                     </del>   |  |
| <u> </u>    | 45   | $\vdash$         | -            | -            | $\vdash$ | ├-           | ⊢            | $\vdash$     | $\vdash$ | $\vdash$   |  |
|             | 46   | ╁                | $\vdash$     | $\vdash$     |          | ├-           | -            |              | $\vdash$ | ├  |  |
| $\vdash$    | 47   | $\vdash$         | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | -        | $\vdash$   |  |
| <b>—</b>    | 48   | ╁                | -            | -            | +-       | ├-           | $\vdash$     | -            | $\vdash$ | +-   |  |
| <u> </u>    | 49   | $\vdash$         | $\vdash$     | $\vdash$     | $\vdash$ | ⊢            | $\vdash$     | $\vdash$     | ┢        | $\vdash$   |  |
| <u> </u>    | 50   | $\vdash$         | $\vdash$     | $\vdash$     |          | $\vdash$     | $\vdash$     | ├            | ╁        | -  |  |
|             | 1 30   |                  | <u> </u>     | L            |          |              |              |              | <u></u>  | İ  |  |

| Claim        |                | Date   |              |          |              |  |              |                                     |               |                                     |
|--------------|----------------|--|--------------|----------|--------------|--|--------------|-------------------------------------|---------------|-------------------------------------|
|              |                |  |              |          |              |  |              |                                     |               |                                     |
| <del>-</del> | Original       |  |              |          |              |  |              |                                     |               |                                     |
| Final        | ij             |  |              |          |              |  |              |                                     |               |                                     |
| "            | ō              |  |              |          |              |  |              |                                     |               |                                     |
| -            | F4             | Н  |              | $\vdash$ |              | Н  |              |                                     | -             |                                     |
| <u> </u>     | 51             |  |              | $\vdash$ | _            | Ш  | _            |                                     |               |                                     |
| <u> </u>     | 52             |  |              | _        | _            | Щ  |              |                                     | Ш             |                                     |
|              | 53             |  |              |          |              |  |              |                                     |               |                                     |
|              | 54             |  |              |          | L            |  |              |                                     |               |                                     |
|              | 55             |  |              |          |              |  |              |                                     |               |                                     |
|              | 56             |  |              |          |              |  |              |                                     |               |                                     |
|              | 57             |  |              |          | Г            |  |              |                                     |               |                                     |
|              | 58             |  |              |          |              |  | _            |                                     |               |                                     |
|              | 58<br>59       |  | _            | $\vdash$ |              |  | _            |                                     |               |                                     |
|              | 60             | $\vdash$   | -            | ┢        | -            |  |              |                                     |               | _                                   |
| <del></del>  | 64             | -  |              |          | ⊢            | H  |              | _                                   | -             | _                                   |
| -            | 61<br>62       | -  | -            | -        | $\vdash$     | <del> </del>                                     | H            |                                     |               | H                                   |
|              | 02             | $\vdash$   | <u> </u>     | <u> </u> | <del> </del> | -  | <u> </u>     | -                                   |               | Н                                   |
| <b>⊢</b> —   | 63             | $\vdash$   | L.           | _        | <b> </b> -   |  | <u> </u>     |                                     |               | <u> </u>                            |
| <u> </u>     | 64             | L  |              | <u> </u> | <u> </u>     | L  | <u> </u>     |                                     |               | Щ                                   |
|              | 64<br>65       | Ш  |              | <u> </u> | otacluster   |  | <u> </u>     |                                     | $\sqsubseteq$ |                                     |
| L            | 66<br>67       |  | L            | _        |              |  | L            |                                     |               |                                     |
|              | 67             |  |              |          |              |  |              |                                     |               |                                     |
|              | 68             |  |              |          |              |  |              |                                     |               |                                     |
|              | 69<br>70       |  |              |          |              |  |              |                                     |               |                                     |
|              | 70             |  |              |          | ΙΤ           | Г  |              |                                     |               |                                     |
|              | 71             | ┢  |              |          |              |  |              | $\Box$                              |               |                                     |
|              | 71<br>72<br>73 |  | _            | T        | $\vdash$     |  |              |                                     |               |                                     |
|              | 73             | $\vdash$   | <u> </u>     | ┢        | Т            | <b>†</b>   |              | -                                   | Т             |                                     |
|              | 74             | _  | -            | ╁╌       | 一            | ╁  | _            | $\vdash$                            | $\vdash$      | $\vdash$                            |
| -            | 74<br>75       | <del>                                     </del> | -            | ┰        | ┢┈           |  | $\vdash$     | $\vdash$                            | -             |                                     |
|              | 76             | ╁  | ┢            | $\vdash$ | ╁            | <del>                                     </del> | Н            | ┢                                   |               |                                     |
|              | 77             | -  | ┢            | -        | ┢            | H  | ┢            | H                                   | _             | _                                   |
| -            | 77<br>78       | ┢  | -            | $\vdash$ | -            | $\vdash$   | $\vdash$     | $\vdash$                            |               | $\vdash$                            |
| -            | 79             | -  | $\vdash$     | ┼─       | ⊢            | ╁  | ┢╾           |                                     | $\vdash$      | -                                   |
| -            | 80             | ⊢  | -            | ⊢        | ├            | ╁  | ┢            | ┢                                   |               | $\vdash$                            |
|              | 81             | -  | ⊢            | ├        | ⊢            | ├  | -            | _                                   | $\vdash$      |                                     |
|              | 01             | ├—   |              | ⊢        | ├            | ┢  | -            | -                                   | -             | -                                   |
| $\vdash$     | 82<br>83       | ⊢  | -            | ┢        | ├-           | ⊢  | -            | $\vdash$                            | <del> </del>  | ⊢                                   |
| <u> </u>     | 83             | ├  | <u> </u>     | ├-       | <del> </del> | $\vdash$   | $\vdash$     | <u> </u>                            | ├             | ├—                                  |
| <u> </u>     | 84             | $\vdash$   | ļ            | ⊢        | <b>├</b> —   | ⊢  | ├            | $\vdash$                            | <b>├</b>      | ├                                   |
| <u> </u>     | 85             | <b>—</b>   | L            | <b>—</b> | ┞            | ⊢  | <u> </u>     | <u> </u>                            | <u> </u>      | $\vdash$                            |
|              | 86             | <del> </del>                                     | 1_           | _        | ↓_           | ₩  | <u> </u>     | <u> </u>                            | <u> </u>      | $\vdash$                            |
|              | 87             | $\vdash$   | <b>.</b>     | <u> </u> | <b> </b>     | ⊢  | <u> </u>     | Щ.                                  | <u> </u>      | $\vdash$                            |
|              | 88             | $\vdash$   | L_           | L        | <u> </u>     | ↓_   | <u> </u>     | <u> </u>                            | <u> </u>      | <b>!</b> _                          |
|              | 89             | <u> </u>   | $oxed{oxed}$ | <u> </u> | <u> </u>     | <u> </u>   |              | _                                   | _             | L_                                  |
|              | 90             | <u> </u>   | L.           | 上        | lacksquare   | L  | <u></u>      | <u> </u>                            | $oxed{oxed}$  | ļ                                   |
|              | 91             |  |              | _        | <u> </u>     | <u> </u>   | $oxed{oxed}$ | L                                   | <u> </u>      | L.                                  |
|              | 92             | $oxed{oxed}$                                     |              | <u> </u> | <u></u>      | L  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|              | 93             | Ĺ  | L            |          |              |  |              | $\Box$                              |               | $\Box$                              |
|              | 94             |  |              |          |              |  |              |                                     |               | L                                   |
|              | 95             |  |              |          | Ĺ            |  |              |                                     |               |                                     |
|              | 96             |  |              | $\Box$   |              |  |              |                                     |               |                                     |
|              | 97             | $\Box$   |              |          |              |  |              |                                     |               |                                     |
|              | 98             |  |              |          | $\Gamma$     | $\mathbb{L}^{-}$                                 |              |                                     |               |                                     |
|              | 99             |  |              |          | $\Box$       |  | 匚            |                                     |               | 匚                                   |
|              | 100            |  |              |          |              |  | Ĺ            | L.                                  |               | <u></u>                             |

| Cla         | Date  |  |             |          |          |          |          |          |              |          |
|-------------|---|--|-------------|----------|----------|----------|----------|----------|--------------|----------|
| i i         |   |  | П           | - 1      | T        |          |          |          |              | ヿ        |
| Final       | Original                                      |  |             |          |          |          |          |          |              |          |
|             | 101   |  |             |          |          |          |          |          |              |          |
|             | 102<br>103<br>104<br>105                      | _  |             |          | _        |          |          |          |              |          |
|             | 103   |  | _           |          | -        | _        |          | _        |              |          |
|             | 104   |  | -           |          |          |          | _        | _        | _            |          |
|             | 105   | -  | <del></del> | -        | $\dashv$ |          |          | -        |              |          |
|             | 100   |  |             |          | -        | $\dashv$ | $\dashv$ | _        | -            | -        |
|             | 106<br>107<br>108                             | -  | $\dashv$    | -        |          | $\dashv$ |          | -        |              | -        |
| -           | 109   | $\dashv$   | $\dashv$    | $\dashv$ |          | $\dashv$ | -        | -        |              |          |
|             | 110   |  | $\dashv$    | $\dashv$ | $\neg$   | $\dashv$ | 一        |          |              |          |
|             | 111   |  | _           | $\neg$   |          |          |          | _        |              | $\neg$   |
|             | 112   |  |             |          |          | $\neg$   |          |          |              |          |
|             | 113   |  |             |          |          |          |          |          |              |          |
|             | 110<br>111<br>112<br>113<br>114<br>115<br>116 |  |             |          |          |          |          |          |              |          |
|             | 115   |  |             |          |          |          |          |          |              |          |
|             | 116   | Ш  |             |          |          |          |          |          |              | Ш        |
|             | 117   |  |             |          |          |          |          |          |              |          |
|             | 118<br>119                                    |  |             |          |          |          |          |          |              |          |
|             | 119   | Н  | -           | _        |          |          |          |          | _            |          |
| ļ           | 120<br>121<br>122                             |  | -           |          |          |          |          |          | <u> </u>     |          |
|             | 121   | Н  |             |          |          |          |          | _        | ⊢            | $\vdash$ |
|             | 122   | Н  |             |          |          |          | _        |          | $\vdash$     | -        |
| <u> </u>    | 123<br>124<br>125                             |  |             | _        |          |          |          |          | $\vdash$     | -        |
|             | 125   | Н  |             |          |          |          |          |          | <del> </del> |          |
|             | 126   |  |             |          |          |          |          |          | $\vdash$     | _        |
| <u> </u>    | 127   |  |             |          |          |          |          |          |              |          |
|             | 126<br>127<br>128<br>129<br>130               |  |             |          |          |          |          | Г        |              |          |
|             | 129   |  |             |          |          |          |          |          |              |          |
|             | 130   |  |             |          |          |          |          |          |              |          |
|             | 131<br>132                                    |  |             |          |          |          |          | L        |              |          |
|             | 132   |  |             |          |          | _        | _        |          | <u> </u>     | _        |
| <u></u>     | 133   |  |             |          | $\perp$  | <u> </u> |          | ļ        | <u> </u>     | _        |
|             | 134<br>135                                    |  | $\vdash$    |          | <u> </u> | <u> </u> | $\vdash$ | -        | <del> </del> | <u> </u> |
|             | 135   |  | $\vdash$    |          | $\vdash$ | H        | $\vdash$ | ├-       | $\vdash$     | $\vdash$ |
| -           | 136<br>137                                    |  |             | -        | _        | -        | _        | -        | $\vdash$     | $\vdash$ |
|             | 137   |  | H           |          |          | $\vdash$ | $\vdash$ | -        | $\vdash$     | $\vdash$ |
| <b></b>     | 139   | <del>                                     </del> | $\vdash$    |          |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | 1        |
| <del></del> | 140   | $\vdash$   | H           | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$ | H            | t        |
| -           | 141   | Н  | $\vdash$    | $\vdash$ |          | Г        | -        | $\vdash$ |              | t        |
|             | 142   | ┢  | П           | Т        |          |          | Г        | 1        |              |          |
|             | 143   | Г  | Г           | Г        | Γ        |          |          |          |              |          |
|             | 144   |  |             |          |          |          |          |          |              |          |
|             | 145   |  |             |          |          |          |          |          |              |          |
|             | 146   |  |             |          | Ŀ        |          |          |          |              |          |
|             | 147   |  |             |          |          |          | <u> </u> | _        | _            | L        |
| <u></u>     | 148   | <u>L</u>   | <u> </u>    | <u>L</u> | L        |          | <u> </u> | _        | <u> </u>     | <u> </u> |
|             | 149   | <u> </u>   | <u> </u>    | L_       | L        | <u> </u> | <u> </u> | _        | <u> </u>     | $\vdash$ |
| L           | 150   |  |             |          | l        | <u> </u> |          |          | 1            | L        |